

SEVERE LOCAL STORMS, MAY, 1927

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A more complete statement will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path, yards ¹	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Williams County, N. Dak.	1-2				\$5,000	Thunderstorm and wind.	Much damage to telephone and telegraph lines between Springbrook and Tioga; minor damage to buildings.	Official, U. S. Weather Bureau.
Fair Haven, Minn. (½ mile east of).	2				100,000	Tornado	Property loss confined mostly to buildings and stock; 6 persons injured.	Do.
Sallisaw, Okla.	3	9:45 a. m.	3,520		400,000	Hail	Severe crop and property damage over path 25 miles long.	Do.
Okeene, Okla. (6 miles southwest of).	4	3:30 a. m.	2,640		2,000	do	Damage chiefly to crops.	Do.
Mexia to Wortham, Tex.	4	9-10	1,760		80,000	Hail, wind, and rain.	Extensive damage to oil derricks, crops, and buildings.	Do.
Americus, Ga.	4	P. m.			75,000	Electrical	Warehouse containing 1,500 bales of cotton destroyed.	Do.
Woodward County, Okla.	5	2-3 a. m.	5-10 mi.			Hail	Crops damaged considerably.	Do.
Alfalfa County, Okla.	5	3:30-4:30 a. m.	7 mi.		700,000	Heavy hail	Severe crop and property loss; path 40 miles long.	Do.
Woods County, Okla. (north-ern).	5	3:45-4 a. m.	8 mi.			Hail	Considerable damage reported.	Do.
Nash, Okla., and vicinity	5	4 a. m.	9 mi.		300,000	Heavy hail	Very severe crop damage over path 40 miles long.	Do.
Garfield County, Okla.	5	4:30 a. m.	5 mi.		100,000	do	Crop losses heavy; other minor damage; path 35 miles long.	Do.
Grant County, Okla.	5	5 a. m.	3 mi.		150,000	do	Damage chiefly to crops.	Do.
Noble County, Okla. (north-ern).	5	6:30 a. m.	6 mi.		760,000	do	Crops and property damaged extensively; path 25 miles.	Do.
Christian County, Ky.	5					Wind	Several barns and much timber destroyed.	Do.
Edwardsport, Ind., and vicinity.	5					Thunderstorm and wind.	Trees, electric wires, and farm property damaged; poultry killed.	Do.
Nashville, Tenn.	5					do	Lightning caused suspension of light and car service; poles and trees blown down.	Do.
Marion and Wichita, Kans.	6	2 a. m.	1,760			Heavy hail	Damage chiefly to crops and windows over path 4 miles long.	Do.
Tunica County, Miss. (central).	6	A. m.			25,000	Violent wind	Considerable property damage.	Do.
Birmingham, Ala.	6	4 p. m.			5,000	Tornadoic wind and thunderstorm.	Two greenhouses wrecked; 3 buildings damaged.	Do.
Munday, Tex.	6	6-7:30 p. m.	11 mi.		95,000	Hail	Buildings, fruit, and gardens damaged; poultry killed or injured.	Do.
Comanche County, Kans. (10 miles west of Aetna).	7	5 p. m.				Two small tornadoes.	Area covered sparsely settled; no buildings struck.	Do.
Comanche (southeastern), Barber, Kingman, and McPherson Counties, Kans.	7	6-11:45 p. m.	880-3,520	10	1,300,000	Tornado	Hundreds of homes and a number of commercial houses demolished or damaged; overhead wires left in tangled mass; 300 persons injured; path 118 miles long.	Do.
Kansas City, Mo.	7					Thunderstorm	Street car and auto traffic demoralized; pavements damaged.	Do.
Pratt County, Kans. (south-ern).	7					Heavy hail	Much damage to wheat.	Do.
Wyoming (eastern) and North Dakota (southwest-ern).	7-9			7	950,000	Snow and blizzard	Telephone and telegraph companies suffer heavy losses; electric service crippled; much loss of livestock.	Do.
Lincoln County, Nebr.	8	6-6:30 a. m.	100		50,000	Tornado	Buildings on eight farms more or less damaged or demolished; trees and poles broken off; several persons injured; path 34 miles long.	Do.
Red Willow County, Nebr. (southwest).	8	7 a. m.			10,000	Wind	Several barns and buildings wrecked; path 35 miles long.	Do.
Garfield, Greeley, and Valley Counties, Nebr.	8	2 p. m.	3 mi.			Hail	Windows broken; buds and leaves stripped from fruit trees; path 35 miles long.	Do.
Coleman, Fla. (south of)	8	4:30 p. m.	1,760		1,000	Heavy hail	Corn and tomato crops damaged about 50 per cent.	Do.
Boone, Keokuk and Woodbury, Counties, Iowa.	8	5-9 p. m.			77,500	Hail and wind	Crops and buildings damaged; poultry killed.	Do.
Camden to Audrian County, Mo.	8	8-10 p. m.	200-400	10	297,000	Tornado	A number of homes and barns demolished or damaged; livestock killed; trees twisted; fruit destroyed; 51 persons injured; path 110 miles long.	Do.
Logan and Sedgwick Counties, Colo.	8-9	3-6 p. m.				High winds	Buildings and windmills damaged; poultry and foliage injured.	Do.
Texas (north-central and northeast).	8-9					do	Considerable property damage.	Do.
Sheridan County, Mont.	8-9					Snow and blizzard.	Wire service crippled.	Do.
Waunakee, Wis.	9	12:05 a. m.	10			Severe squall	House moved from foundation.	Do.
St. Louis, Mo., and vicinity.	9	1:40-2:10 a. m.		1	100,000	Gale	Industrial plant damaged; houses unroofed.	Do.
Nevada to Tigertown, Tex.	9	2:30-3:30 a. m.	300-600	239	1,000,000	Tornado	Many homes razed; crops ruined; wires down; path 45 miles long; 280 persons injured.	Do.
Garland, Tex.	9	3 a. m.		(3)	(3)	do	Many persons injured; much destruction of property; part of city razed.	Do.
Peoria, Ill., and vicinity.	9	6-7 a. m.	440		1,000	Hail	Glass and crops damaged.	Do.
Bismarck, N. Dak. (near)	9	A. m.				Wind and rain	Windows and trees damaged; telephone and telegraph service interrupted; heavy damage by rain.	Do.
Madison, Ind. (near).	9	A. m.			120,000	do	Character of damage not reported.	Do.
La Harpe, Ill. (6 miles west of).	9	1 p. m.	30			Tornado	A few outbuildings and fences wrecked; poultry killed; path 3 miles long.	Do.
Fulton County (southeast) and Schuyler County (east), Ill.	9	2 p. m.	400	1	40,000	do	A number of farm homes and barns wrecked; 12 persons injured; path 12 miles.	Do.
Randolph County Ark. (southwest), to Poplar Bluff, Mo.	9	2:15-3:20 p. m.	440-880	92	2,382,000	do	Great damage along path 60 miles long; business section of Poplar Bluff almost wiped out; 340 persons hurt.	Do.
Shreveport, La. (near)	9	2:20-2:30 p. m.	100		5,000	do	One house demolished; parts of other buildings damaged; timber blown down; path 1 mile long.	Do.
Scott to Lonoke, Ark.	9	2:30-3 p. m.			2,500	do	Character of damage not reported; path 12 miles long; 7 persons hurt.	Do.
Carlisle to Birdeye, Ark.	9	2:30-4 p. m.	400	8	60,000	do	Extensive damage over path 70 miles long; 69 persons injured.	Do.

¹ "Mi." signifies miles instead of yards.

² Includes deaths, amount of damage, and number injured in tornado at Garland, Tex.

³ See note preceding.

Severe local storms, May, 1927—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Hoxie to Walnut Ridge, Ark.	9	2:50-3 p. m.	50	10	\$300,000	Tornado	Storm very destructive over short path; 200 persons injured.	Official, U. S. Weather Bureau.
Racine and Kenosha Counties, Wis.	9	3-4 p. m.	20 mi.		16,000	Severe squall	Many barns demolished; roofs blown off; plate-glass windows broken; overhead-wire systems damaged.	Do.
Kingsland to Randall, Ark.	9	3:05-3:27 p. m.	50	9	30,500	Tornado	Property damage over path 20 miles long; 24 persons hurt.	Do.
Egypt, Ark.	9	3:15 p. m.	100	10	5,000	do.	Considerable property damage; 8 persons hurt.	Do.
Kingston, Ark.	9	3:15 p. m.				do.	Character of damage not reported.	Do.
Bethsada, Ark.	9	3:20 p. m.			25,000	do.	Considerable property and crop damage.	Do.
Norphlet, Ark.	9	3:30 p. m.	130	1	150,000	do.	Numerous structures damaged or wrecked; crops injured; 35 persons hurt.	Do.
Scott and Clinton Counties, Iowa.	9	4:05 p. m.	500-1,780		22,000	do.	Damage principally to buildings and trees.	Official, U. S. Weather Bureau; Moline (Ill.) Dispatch.
Morrisonville (5 miles east of) to Decatur (near), Ill.	9	4:25 p. m.	100-880	1	1,125,000	do.	Public utilities sustain severe losses; heavy damage to farm homes; commercial buildings and residences; path 45 miles long; 116 persons injured.	Official, U. S. Weather Bureau.
Owaneco, Ill. (1 mile north of).	9	4:25 p. m.	200		20,000	do.	Chief damage to farm property over path 5 miles long.	Do.
Strong, Ark.	9	4:25 p. m.	300	24	500,000	do.	Central section of town devastated; 72 persons hurt.	Do.
Clarence, La. (near)	9	4:30 p. m.	150	1		do.	Several houses and considerable timber blown down.	Do.
Cartersville, Ill. (1 mile southwest of).	9	5 p. m.	100-880		343,000	do.	Many buildings and a number of greenhouses wrecked or damaged; path 16 miles long; 21 persons injured.	Do.
Calvin, La. (near)	9	6:30 p. m.	800		5,200	Tornado preceded by hail.	Damage chiefly to timber; path 8 miles long.	Do.
Massac County, Ill. (western).	9	6:30 p. m.	440-880	5	56,000	Tornado	Farm property, orchards, and crops damaged; 11 persons injured; path 15 miles long.	Do.
Chicago, Ill., and vicinity	9	P. m.		4		Thunderstorm and wind.	Trees uprooted; light poles blown down; overhead signs and windows broken; basements flooded; traffic impeded in some sections.	Do.
Eden, Ill. (near)	9	P. m.	220		10,000	Small tornado	One house unroofed; other minor damage; path short.	Do.
De Kalb, De Witt, Fulton, Grundy, Kane, Lake, McHenry, and Madison Counties, Ill.	9	P. m.		1	638,000	High winds	Many commercial buildings and residences damaged; small houses wrecked; telephone, telegraph, and light poles prostrated; cottages at summer resorts demolished; 7 persons hurt.	Do.
Beckett Mountain, Ark. (Faulkner County).	9				1,000	Small tornado	Minor damage.	Do.
Fredonia, Wis.	9					Tornadoic wind, hail, and cloudburst.	Soil washed; trees felled.	Green Bay Press Gazette (Wis.).
Hartley, Iowa	9				50,000	Tornado	Residences and smaller buildings wrecked; trees torn or uprooted.	Journal (Sioux City, Iowa).
Kankakee Valley, Ind.	9				100,000	Thunderstorm with tornadoic characteristics.	Extensive damage to farms, telephone, and telegraph service.	Official, U. S. Weather Bureau.
Michigan (western)	9					Thunderstorms, wind, and a small tornado.	Public utilities crippled; chicken industry hurt; tornado occurred near Grand Rapids, where a barn and auto were wrecked and livestock killed.	Do.
Pauls Spur to Pierce's Mill, Ark.	9			4		Tornado	No damage reported.	Do.
Trezevant and Ripley, Tenn.	9				5,000	Wind	Trees uprooted; small buildings unroofed.	Do.
Seneca and Cayuga Counties, N. Y.	10	11:30 a. m.	2-6 mi.			Wind and hail	Windows broken, roofs pierced; chimneys, overhead wires, and small buildings damaged.	Do.
Livingston Manor, N. Y.	10	3:30 p. m.				Heavy hail	Windows and roofs badly damaged.	Do.
Washington County, Md. (central).	10	4-5 p. m.			50,000	Wind and hail	Crops, fruits, and gardens damaged.	Do.
Baltimore, Md.	10	6:21 p. m.				Wind	Trees blown down; roofs blown off.	Do.
Charles County, Md. (southern).	10	7 p. m.			3,000	Hail and wind	Crops injured; poultry killed barn unroofed.	Do.
Union County, N. J.	10	7:30 p. m.				Wind	Some frame buildings demolished.	Do.
Berkeley County, W. Va.	10					Wind and hail	Roofs and shade trees damaged.	Do.
Columbia, S. C. (near)	11	P. m.	10 mi.			Series of hail storms.	Crops in path practically destroyed.	Do.
Fort Davis, Tex.	12	2 p. m.	3 mi.			Hail	Crops and apple orchards injured; path — miles long.	Do.
Scotland, Robeson, and Pitt Counties, N. C.	12		1,760		100,000	Heavy hail	Cotton, tobacco, and corn injured; on some farms crops will require replanting.	Do.
Alexander and Pulaski Counties, Ill.	13	12:30-2:30 p. m.	3-8 mi.		5,000	Hail	Fruit damaged.	Do.
Embarrass and Belle Plains, Wis.	13	2 p. m.	10 mi.			Heavy hail	No damage reported.	Do.
Keokuk County, Iowa	13	2 p. m.	440		3,000	Tornado	Path 3 miles long; character of damage not reported.	Do.
Pike County, Ind. (eastern).	13				13,000	Tornadoic wind	Farm properties damaged.	Do.
Washington, D. C. (northeast part of).	14	6 p. m.	10			Small tornado	Slight damage over path ½ mile long.	Do.
Portland, Oreg., and vicinity	15-17					Wind	Several buildings wrecked, others damaged; many trees and windows broken.	Do.
Liberty to Sherman County, Mont.	17	11 a. m.-1:30 p. m.				Hail and rain	Young crops and fruit trees injured.	Do.
Roy, N. Mex. (near)	17	4:20 p. m.	300			Tornado	Farm property damaged; chickens carried away and some stock killed; path 5 miles long.	Do.
Butler, Cherokee, Franklin, Grundy, Monroe, and Tana Counties, Iowa.	17	8:40-11 p. m.			43,500	Hail	Crops beaten; buildings damaged.	Do.
Ensign, Kans. (near)	17					Tornado	Large barn demolished.	Do.
Rosebud County, Mont.	17					Wind	Some buildings unroofed.	Do.
Davenport, Iowa	18	A. m.				Hail	Extensive damage to greenhouses.	Do.
Peoria, Ill., and vicinity	18	2:05 p. m.	10 mi.		6,000	do.	Chief damage to greenhouse; some injury to crops.	Do.
Buchanan County, Iowa	18	4 p. m.	40		18,000	do.	Character of damage not reported.	Do.
Barrow, Ill. (near)	18	4:30 p. m.	40		200	Tornado	Minor property damage over short path.	Do.
Terre Haute (near) to Indianapolis, Ind.	18	7:45 p. m.		2	3,077,000	Tornadoic wind	Many homes damaged, some totally wrecked; public utilities suffer heavy losses; hundreds of autos wrecked; 100 persons injured, 6 seriously; greatest damage in Indianapolis.	Do.

Severe local storms, May, 1927—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Randall County, Mo. to Evansville (near). Anna, Ill.	18	8-9 p. m.	67-333	-----	\$7,000	Tornado	Two dwellings blown from foundations, 3 barns badly damaged; path 10 miles long.	Official, U. S. Weather Bureau.
Ayers, Canton, and Rantoul, Ill.	18	11:15 p. m.	30	-----	10,000	Tornadoic wind	Twelve or more houses damaged; several garages wrecked; trees broken; 3 persons injured.	Do.
Brouson, Tex.	19	-----	3,520	-----	5,000	Wind	Numerous buildings damaged; trees and poles blown down; 15 persons hurt.	Do.
Winnboro, La.	19-20	-----	-----	-----	-----	Hail	Character of damage not reported.	Do.
Vernon County, Wis. (north-ern).	20	2:45 p. m.	5 mi.	-----	7,500	Wind	Considerable timber blown down.	Do.
Sheboygan, Wis.	20	6 p. m.	-----	-----	3,000	Severe squall and small tornado.	A barn, 2 boathouses, 4 silos, and 2 tobacco sheds damaged; small tornado near Stoddard.	Do.
Clayton, Fayette, and Green Counties, Iowa.	20	-----	-----	-----	3,500	Severe squall	Damage principally at Brotz airport.	Do.
Harrison County, Iowa.	21	1:30 a. m.	-----	-----	5,500	Wind and hail	Fruit and other crops damaged.	Do.
Clayton, Wis. (near)	21	5:30 a. m.	1,760	-----	3,000	do.	Buildings damaged; livestock killed or injured.	Do.
Ballston Lake, N. Y.	22	5 p. m.	4 mi.	-----	-----	Severe squall	Damage mostly to buildings, crops not far advanced.	Do.
Chicago, Ill.	23	11 a. m.	-----	-----	-----	Heavy hail	Truck crops and fruit hurt.	Do.
Balmore, Tex.	23	2:30 p. m.	5 mi.	-----	-----	Thunderstorm and wind.	Small buildings unroofed; plate-glass windows broken; trees and wires down.	Do.
Williamsburg, Iowa (near)	23	6 p. m.	440	2	-----	Hail	Cotton crop damaged about 30 per cent; alfalfa injured; path 10 miles long.	Do.
Allamakee County, Iowa.	23	10 p. m.	-----	-----	2,500	Tornado	Property damaged over path 6 miles long.	Do.
Hannibal, Mo.	23	P. m.	-----	-----	-----	Hail	Windows and roofs damaged.	Do.
Fort Wayne, Ind.	23	-----	-----	-----	-----	Thunderstorm and wind.	Trees broken; many local and long-distance telephones out of use.	Do.
Howard, Kosciusko, and White Counties, Ind.	23	-----	-----	-----	25,000	Wind	Trees, telegraph, telephone, and power lines affected.	Do.
Illinois (northern)	23	-----	-----	-----	10,000	do.	Crops, buildings, and trees damaged.	Do.
Roosevelt, Okla. (4 miles southwest of).	23	-----	3 mi.	-----	9,000	do.	Minor damage to trees, poles, roofs, etc.	Do.
Bourbon, Crawford, and Neosho counties, Kans.	23-24	-----	50 mi.	-----	-----	Hail	Damage to crops and property about equal; path 7 miles long.	Do.
Concordia, Kans. (near)	24	A. m.	1,760	-----	40,000	Violent winds	Barns and small buildings wrecked; wire systems damaged.	Do.
St. Joseph, Mo.	24	5:18 a. m.	-----	-----	200,000	Heavy hail	Wheat, oats, and alfalfa beaten to ground; path 8 miles long.	Do.
Quincy, Pa.	24	5-6 p. m.	3,520	-----	15,000	Tornado	Much destruction over path 2 blocks wide through business section; considerable damage to residences and trees; 2 persons hurt.	Do.
Bartholomew and Sullivan Counties, Ind.	24	-----	-----	-----	45,000	Thunderstorm	Damage chiefly to growing crops; many fields washed out.	Do.
Batavia and Geneva, Ill., and vicinity.	24	-----	-----	-----	-----	Wind	Character of damage not reported.	Do.
Grant County, Wis. (south-east).	24	-----	20 mi.	-----	-----	do.	Trees and buildings damaged; 1 person injured.	Do.
Delaware County, Iowa.	25	3 p. m.	-----	1	-----	Severe squall	Farm property damaged.	Do.
Doran, Ill. (near)	25	3:45 p. m.	440-880	-----	50,000	Wind and hail	Buildings damaged.	Do.
Sussex County, Md.	25	4 p. m.	2-6 mi.	-----	-----	Tornado	Buildings wrecked; orchards injured; livestock killed; 80 telephone poles down; path 10 miles long.	Do.
Somerset to Worcester County, Md.	25	4-5 p. m.	8 mi.	-----	-----	Hail	Truck gardens and crops injured.	Do.
Palestine, Ill. (near)	25	5 p. m.	440	-----	20,000	Wind	Buildings at fair grounds and on some farms damaged; shade and fruit trees blown down; other property damage at seashore.	Do.
Knox County (northeast) to Daviess County (north-west), Ind.	25	-----	-----	-----	200,000	Tornado	Property damaged over path 13 miles long; 2 persons injured.	Do.
Moultrie County, Ill.	25	-----	-----	-----	3,000	Wind and hail	3,000 acres of wheat ruined.	Do.
Norfolk, Va.	25	-----	-----	6	15,000	Severe squall	Buildings damaged.	Do.
Paoli, Ind.	25	-----	-----	-----	-----	Roof at ball park partly blown off; many trees and poles blown down; 37 persons injured.	Truck gardens and crops hurt.	Do.
Caroline County (southern) to Dorchester County (northern), Md.	26	2 p. m.	-----	-----	-----	Heavy hail	Considerable crop damage.	Do.
Archer and Raleigh, Fla.	26	2-3 p. m.	3,520	-----	10,000	Hail	Poultry and small animals killed or injured; tomatoes, corn, and melons ruined.	Do.
Philadelphia, Pa.	26	2-3 p. m.	-----	-----	-----	Thunder squall	Circus tent collapsed, injuring 3 persons; considerable minor damage to insecure structures.	Do.
Furnas County, Nebr. (north-west).	26	6 p. m.	-----	-----	7,000	Hail and wind	Character of damage not reported.	Do.
Nuckolls (northwest) and Webster (central) Counties, Nebr.	26	8 p. m.	-----	-----	20,000	do.	Windmills and a few farm buildings wrecked.	Do.
Furnas County, Nebr. (north-ern).	26	10:30 p. m.	880	-----	2,000	Straight wind	One large barn and several small outbuildings demolished.	Do.
Harrison County, Iowa.	26	11 p. m.	-----	-----	7,000	Hail and wind	Character of damage not reported.	Do.
Garrett County to Washington County, Md.	26	-----	10-25 mi.	-----	25,000	Hail	Crops, roofs, and windows damaged over path 70 miles long.	Do.
Parkersburg, W. Va. (6 miles south of).	26	-----	-----	-----	-----	do.	Some damage to truck gardens.	Do.
Trenton, N. J.	26	-----	-----	-----	-----	Violent gust	Office building swayed.	Do.
Lincoln, Nebr., and vicinity.	26-27	-----	-----	-----	60,000	Severe thunderstorm and wind.	Much damage to trees and buildings in city; light and telephone lines down.	Do.
Hamilton, York, Seward, Fillmore, and Saunders Counties, Nebr.	27	Midnight to 1:30 a. m.	40 mi.	-----	65,000	Hail	3,600 square miles' damage light to heavy at various points; path 90 miles long.	Do.
Auburn, Calif.	27	4 p. m.	440	-----	-----	do.	Crop loss about 10 per cent.	Do.
Warren County, Iowa.	27	4 p. m.	-----	-----	6,000	Tornado	Character of damage not reported.	Do.
Chase County, Nebr. (cen-tral).	27	4:30 p. m.	-----	-----	-----	do.	Gardens injured over path 6 miles long.	Do.
Randolph County, Mo. (north of Roanoke to near Higbee).	27	5 p. m.	440	5	100,000	do.	Many dwellings and barns destroyed along path 10 miles long; some livestock killed.	Do.
Chico, Calif.	27	7-7:30 p. m.	880	-----	-----	Hail	Crops, especially vegetables, damaged.	Do.
Franklin County, Nebr. (northern).	27	8-8:30 p. m.	3,520	-----	5,000	Hail and wind	Some farm buildings wrecked; crops injured.	Do.
Cass, Madison, Pocahontas, Pottawattamie, and Shelby Counties, Iowa.	27	-----	-----	-----	32,000	Wind	Damage chiefly to buildings; storms usually occurred in the morning.	Do.
Dubois County, Ind. (south-ern).	27	-----	-----	-----	-----	Hail	Storm very destructive to crops.	Evansville Courier (Ind.).

Severe local storms, May, 1927—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Grayson County, Ky.....	27				\$100,000	Hail and wind....	Barns and timber destroyed.....	Official, U. S. Weather Bureau.
Haskell, Tex. (near).....	27		4 mi.			Hail.....	Crops destroyed.....	Do.
Tybee Island, Ga.....	28	7:50 p. m.			1,000	Wind.....	Some property damage.....	Do.
Christian, Sangamon, Madison, St. Clair, and Montgomery Counties, Ill.	28	P. m.			776,000	Hail and electrical.	Damage principally to property other than crops.	Do.
Columbia, S. C.....	28				3,000	Thunderstorm.....	Dwelling burned.....	Do.
Jonesboro, Ark.....	28				1,500	Heavy hail.....	Glass in greenhouses broken; also other minor damage.	Do.
St. Louis, Mo., and vicinity..	28					do.....	Extensive damage chiefly to greenhouses and windows.	Do.
Harrison County, Iowa.....	29	12:30 a. m.			1,000	Wind.....	Buildings damaged.....	Do.
Charleston, S. C., and vicinity.	29	P. m.				Severe squall.....	Considerable damage to trees in city; a few small buildings moved from foundations.	Do.
Stillwater County, Mont. (eastern).	29					Hail.....	Heavy damage to winter wheat and alfalfa.....	Do.
Munday, Tex.....	30	6 p. m.			280,000	do.....	Extensive damage to crops, buildings, and fruit and shade trees.	Do.
Elizabethton, Tenn.....	30					Heavy hail.....	Crops severely beaten; other property damaged.	Do.
Fulton County, Ky.....	30			1	50,000	Hail and wind.....	Crop loss about 50 per cent; poultry killed; other property damage.	Do.
Hannibal, Mo. (northwest of).	30	P. m.	880		2,500	Hail.....	Orchards and gardens injured.....	Do.
Ridge Springs, S. C. (near)...	31	5 p. m.	1,760		2,500	do.....	Dwellings and crops damaged; poultry injured.	Do.
Red Bluff, Calif. (14 miles south of).	31	P. m.			100,000	Heavy hail.....	Orchards and grains damaged.....	Do.
Waverly, Tenn.....	31				20,000	Hail and wind.....	Crops and other property damaged.....	Do.

STORMS AND WEATHER WARNINGS

WASHINGTON FORECAST DISTRICT

May was an unusually quiet month in the Washington forecast district. No storm warnings were issued, and the month was also remarkably free from frosts. Small craft warnings were ordered displayed on only two dates. These warnings were for the Atlantic coast from Cape Hatteras northward and were issued on the 10th and 27th.

Warnings of frost, mostly light, were issued for limited areas in the Northeastern States on seven days during the month. With the exception of killing frost at Northfield, Vt., on the 8th, and heavy frost at the same place on the 9th, and at Scranton, Pa., and Binghamton, N. Y., on the 29th, all frosts reported during the month were light; and no frost was reported south of Pennsylvania, Ohio, and West Virginia. Only one heavy frost occurred in the cranberry bogs of New Jersey.—*C. L. Mitchell.*

CHICAGO FORECAST DISTRICT

The month, as a whole, in the Chicago forecast district was cool and wet, with the exception of the middle Great Plains, where it was rather dry and comparatively warm. The rainfall was excessive in the Ohio Valley, and the amount was unusual even in the northern plains. The storm areas appeared to move across the district with relatively slow movement, and with their centers well to the south, thus producing more than the ordinary rainfall.

The principal storms were as follows:

One which developed in the far West early in the month and remained nearly stationary for a few days and finally advanced across the district on the 8th, 9th, and 10th, accompanied by general rains and thunderstorms and strong shifting winds and squalls, and followed by a considerable fall in temperature, with frosts in the Plains States to the southern limit of Kansas on the 11th, and in the upper Mississippi Valley and western Lake region on the 12th. Warnings were displayed on the Great Lakes in advance of this storm, and warnings for frosts in the area following.

Another storm developed in the far West on the 16th and 17th and remained practically stationary for several

days, and finally passed across the district on the 22d–26th. Although this disturbance was of marked intensity in its original development, it lost considerable force as it passed eastward, and in consequence only small craft warnings were displayed on the Great Lakes.

Still another storm appeared immediately in the far West, and the movement eastward of this also was very slow, the passage across the district not being completed until the closing days of the month; but the precipitation attending this storm was more or less spotted and the attendant winds of not much importance. Cool weather, however, immediately followed, and frosts occurred in the upper Mississippi Valley and western Lake region, warnings for which were issued on May 31.

There were other storms, of course, of lesser importance, regarding which nothing need especially be said.

Special service was given to a number of interests during the month in the shape of detailed predictions, but the most important by far were flying forecasts for certain routes, including one for Capt. Charles A. Lindbergh, for his flight from St. Louis to New York on May 12; for Commander F. de Pinedo, flying from New Orleans to Memphis on May 14, Memphis to Chicago on May 15, and Chicago to Montreal on May 17; for the First Pursuit Group, Army Air Corps, from Selfridge Field to Kelly Field on May 2 to 8, inclusive, and return May 21 to 23, inclusive; and special forecasts on May 30 and 31 for zones 4 and 8 for the national elimination balloon race.

Special forecasts for frost warnings for the cranberry marshes of Wisconsin were issued from time to time, beginning May 4. These were for the most part fully verified.—*H. J. Cox.*

NEW ORLEANS FORECAST DISTRICT

Storm warnings were displayed on the Texas coast, May 7 and 12, and on the eastern part of that coast on the 21st, and subsequent conditions justified these warnings except that verifying velocities did not occur following the warning of the 21st. Small craft warnings were displayed on different parts of the west Gulf coast on the 8th, 9th, 10th, 11th, 12th, 20th, and 21st, and subsequent winds showed that the warnings were well placed.—*I. M. Cline.*